

## Anti-Estrogen Receptor- $\alpha$ (Phospho-Tyr537) Polyclonal Antibody



<u>Catalog No.</u>	<u>Size</u>
A100065-01	50 $\mu$ l
A100065-02	100 $\mu$ l

<b>Specificity</b>	Anti-Estrogen Receptor- $\alpha$ (Phospho-Tyr537) (Human Mouse)
<b>Source</b>	Rabbit Polyclonal
<b>Application</b>	WB ELISA IHC
<b>Form</b>	Liquid, 1 mg/ml

### Specificity and Sensitivity

**Swiss-Prot No.:** P03372

**Other Names:** ER, ESR, ESR1, ESTR, ESTRA, Estradiol receptor, Estrogen receptor, NR3A1

### Specificity and Sensitivity

Estrogen Receptor- $\alpha$  (Phospho-Tyr537) antibody detects endogenous levels of ER- $\alpha$  only when phosphorylated at tyrosine 537.

### Source and Purification

The antiserum was produced against synthesized phosphopeptide derived from human ER- $\alpha$  around the phosphorylation site of tyrosine 537 (P-L-Y<sup>P</sup>-D-L). The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

### Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

WB: 1:500~1:3000    IHC: 1:50~1:100

ELISA: 1:1000

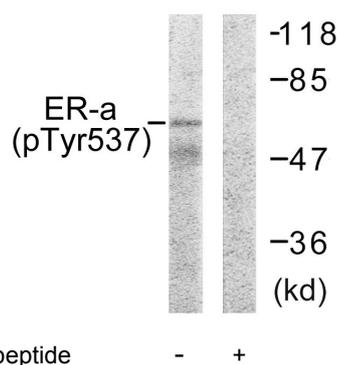
### Storage Buffer

Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

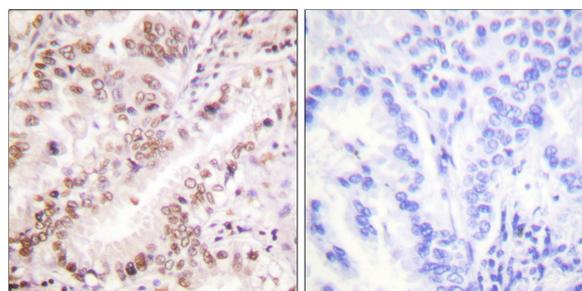
### Storage Instructions

Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

### Images



Western blot analysis of extracts from 293 cells, using Estrogen Receptor- $\alpha$  (Phospho-Tyr537) antibody.



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using Estrogen Receptor- $\alpha$  (Phospho-Tyr537) antibody.